

R	G	V	L	P	T	F	P	D	D	A	K	L	T	K	I	E	T	18			
CGC	GGT	GTC	CTG	CCC	ACC	TTC	CCG	GAT	GAC	GCC	AAA	CTT	ACA	AAG	ATC	GAG	ACC	54			
<div>←</div>																					
L	R	F	A	L	N	Y	I	W	A	L	T	Q	T	L	R	I	A	36			
CTG	CGC	TTC	GCC	CTC	AAC	TAC	ATT	TGG	GCA	CTG	ACT	CAG	ACG	CTG	CGC	ATA	GCG	108			
<div>←</div>																					
CIG3' _2																					
D	H	S	F	Y	G	P	E	P	P	V	P	C	G	E	L	G	S	54			
GAC	CAC	AGC	TTC	TAC	GGC	CCC	GAG	CCC	CCT	GTG	CCC	TGT	GGG	GAG	CTG	GGA	AGC	162			
<div>←</div>																					
CIG3' _1																					
P	G	G	G	S	S	G	D	W	G	S	I	Y	S	P	V	S	Q	72			
CCG	GGA	GGG	GGC	TCC	AGC	GGC	GAC	TGG	GGC	TCT	ATC	TAC	TCC	CCA	GTT	TCC	CAA	216			
<div>←</div>																					
CIG3' _0																					
A	G	S	L	S	P	T	A	S	L	E	E	F	P	G	L	Q	V	90			
GCT	GGT	AGC	CTG	AGC	CCC	ACA	GCC	TCA	TTG	GAG	GAG	TTC	CCT	GGC	CTG	CAG	GTG	270			
P	S	S	P	S	C	L	L	P	G	T	L	V	F	S	D	F	L	108			
CCC	AGC	TCC	CCA	TCC	TGT	CTG	CTC	CCG	GGC	ACC	CTG	GTG	TTC	TCA	GAC	TTC	TTG	324			
*																		109			
TGA agggcccaaacaggccctggg																		cggtggg	cgctggg	cagaaagggagggagtcagagctgtctgaaatg	394
gaaggtagtgaggcactcgagcatctcgcccccttctggctttcattagtcagggtccctgatttaaccagga																		466			
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cctggtgactccgcccccttttcaaatctgcgggacctccaaccaccgctttctccagagtgcctaataccagt																		682			
gttgcgtctttacctcactggctcttgttccata																		715			

FIG 1

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	Basic	Helix1	
Relax	S R R K K A N D R E R N F M H N L N S A L D A L R G V L E T	112	
Math-1	Q R R L A A N A R E R R H M H G L N H A F D Q L R N V I E S	185	
Neurod	L R R M K A N A R E R N F M H G L N A A L D N L R K V V E C	58	
Mash1	A A V A R R N E R E R N R V K L V N L G F A T L R E H V E N	142	

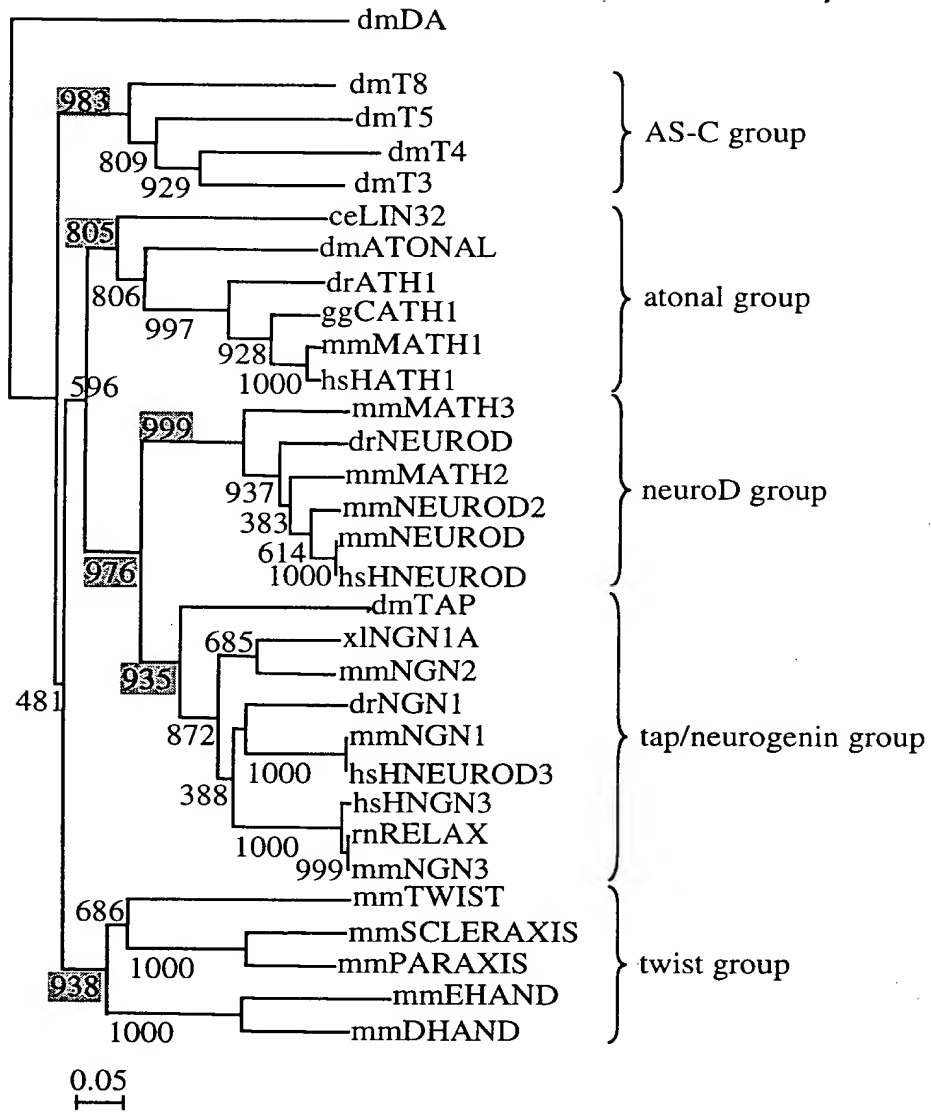
	Loop	Helix2	
Relax	F P D D A K L T K I E T L R F A H N Y I W A L T Q T L R I A	142	
Math-1	F N N D K R L S K Y E T L Q M A Q I Y I N A L S E L Q T P	215	
Neurod	Y S K T Q K L S K I E T L R L A K N Y I W A L S E I R S G	88	
Mash1	G A A N K R M S K V E T L R S A V Q Y I R A L Q Q L E D E H	172	

FIG 2

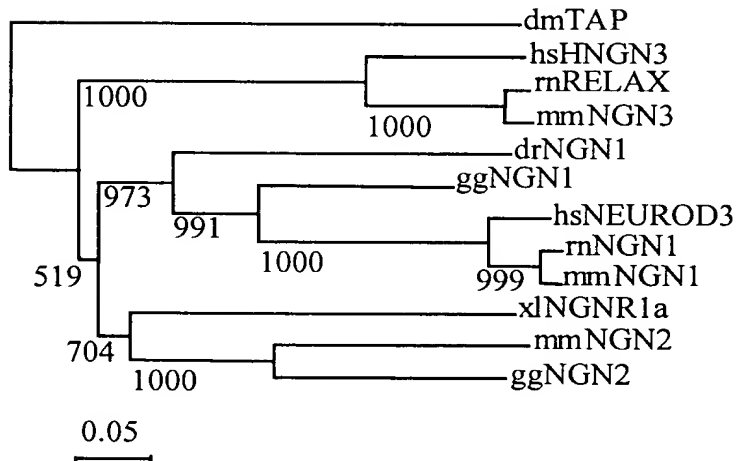
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M T P Q P S G A P 9
caaacttacccttccctctgaccccgccgtagg ATG ACG CCT CAA CCC TCG GGT GCG CCC 348
T V Q V T R E T E R S F P R A S E D 27
ACT GTC CAA GTG ACC CGT GAG ACG GAG CGG TCC TTC CCC AGA GCC TCG GAA GAC 402
E V T C P T S A P P S P T R T P G N 45
GAA GTG ACC TGC CCC ACG TCC GCC CCG CCC AGC CCC ACT CGC ACA CCG GGG AAC 456
C A E A E E G G C R G A P R K L R A 63
TGC GCA GAG GCG GAA GAG GGA GGC TGC CGA GGG GCC CCG AGG AAG CTC CGG GCA 510
R R G G R S R P K S E L A L S K Q R 81
CGG CGC GGG GGA CGC AGC CGG CCT AAG AGC GAG TTG GCA CTG AGC AAG CAG CGA 564
R S R R K K A N D R E R N R M H D L 99
CGG AGT CGG CGA AAG AAG GCC AAC GAC CGC GAG CGC AAT CGA ATG CAC GAC CTC 618
N S A L D A L R G V L P T F P D D A 117
AAC TCG GCA CTG GAC GCC CTG CGC GGT GTC CTG CCC ACC TTC CCA GAC GAC GCG 672
K L T K I E T L R F A H N Y I W A L 135
AAG CTC ACC AAG ATC GAG ACG CTG CGC TTC GCC CAC AAC TAC ATC TGG GCG CTG 726
T Q T L R I A D H S L Y A L E P P A 153
ACT CAA ACG CTG CGC ATA GCG GAC CAC AGC TTG TAC GCG CTG GAG CCG CCG GCG 780
P H C G E L G S P G G P P G D W G S 171
CCG CAC TGC GGG GAG CTG GGC AGC CCA GGC GGT CCC CCC GGG GAC TGG GGG TCC 834
L Y S P V S Q A G S L S P A A S L E 189
CTC TAC TCC CCA GTC TCC CAG GCT GGC AGC CTG AGT CCC GCC GCG TCG CTG GAG 888
E R P G L L G A T S S A C L S P G S 207
GAG CGA CCC GGG CTG CTG GGG GCC ACC TCT TCC GCC TGC TTG AGC CCA GGC AGT 942
L A F S D F L 214
CTG GCT TTC TCA GAT TTT CTG tgaaaggacctgtctgtcgctgggctgtgggtgctaagggtaa 1006
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gccgcccacgtcttgggtcgccctaccctcactca 1330

FIG 3

a



b



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